

**IN THE CLAIMS:**

Please CANCEL without prejudice or disclaimer claims 1-14 in the underlying PCT application. Please also cancel, without prejudice or disclaimer claims 1-14 in the annex to the International Preliminary Examination Report (IPER). and ADD new claims 15-28 in accordance with the following:

15. (New) A method for managing radio resources in a cellular radio communications system configured as a multi-carrier system, comprising:

transmitting information on at least one frequency band having sub-carriers, the sub-carriers of the at least one frequency band being temporarily available to each radio cell for transmission of information; and

temporarily assigning the sub-carriers of the at least one frequency band to at least two radio cells with each of the sub-carriers available to a subset of the at least two radio cells for transmission of information.

16. (New) A method in accordance with claim 15, wherein said assigning makes at least one of the sub-carriers available to exactly one radio cell in the at least two radio cells.

17. (New) A method in accordance with claim 16, wherein said assigning makes each of the sub-carriers available to exactly one radio cell in the at least two radio cells.

18. (New) A method in accordance with claim 15, wherein the at least two radio cells are adjacent radio cells.

19. (New) A method in accordance with claim 15, wherein said assigning of the sub-carriers is to  $n$  radio cells, making assigned sub-carriers available to at least one radio cell have a frequency spacing of  $n$  sub-carriers.

20. (New) A method in accordance with claim 15, wherein said assigning makes at least some adjacent sub-carriers in the frequency band available to at least one radio cell.

21. (New) A method in accordance with claim 15, wherein said assigning of the sub-carriers takes place in accordance with an algorithm that includes use of a code.

22. (New) A method in accordance with claim 21, wherein said assigning makes the sub-carriers used by base stations of particular radio cells available for transmission of broadcast information.

23. (New) A method in accordance with claim 22, wherein the broadcast information is used to decide on handovers.

24. (New) A method in accordance with claim 23, further comprising determining amplitudes of the broadcast information in subscriber stations receiving the broadcast information.

25. (New) A method in accordance with claim 24, further comprising determining a metric of the amplitudes of the broadcast information transmitted from one of the base stations on the sub-carriers available to the one of the base stations.

26. (New) A method in accordance with claim 15, wherein the cellular radio communications system is an orthogonal frequency division multiplexing system.

27. (New) A radio communication system of cellular construction configured as a multi-carrier system using at least one frequency band having sub-carriers for transmission of information, comprising:

- at least two radio cells; and
- at least one control device assigning the sub-carriers of the at least one frequency band to said at least two radio cells so that temporarily the sub-carriers are available to each radio cell for transmission of information, and that temporarily each of the sub-carriers is available to a subset of the at least two radio cells for transmission of information.

28. (New) A control device of a radio communication system of cellular construction, that is configured as a multi-carrier system having at least two radio cells with at least one frequency band having sub-carriers for transmission of information in the at least two radio cells, comprising:

- means for temporarily assigning the sub-carriers of the at least one frequency band to the at least two radio cells so that the sub-carriers are available to each radio cell for the transmission of the information; and

means for temporarily assigning the sub-carriers of the at least one frequency band among the at least two radio cells so that each of the sub-carriers is available to a subset of the at least two radio cells for the transmission of the information.